

Snohomish County

- () Tom Teigen, Parks Director
- (P) Tom Hartzell, Senior Planner
- () Sharon Swan, Interim Planning Supervisor
- (P) Tammy Dunn, Sports Commission

Shooting Sports Representatives

- (P) Roger Chatterton, Rifle Representative
- (P) Kort Schwarzmiller, Pistol Representative
- (P) Tyler Barney, Archery Representative
- () Bubba Deach, Trap/Skeet Representative

Community Representatives

- () Carolyn Eslick, State Representative
- () Russell Wiita, Mayor of Sultan
- () Steven Dazey, DFW
- (P) George Smith, NRA Training Counselor
- () Steve Tonkin, Resident
- (P) Mark McLauchlin, Interested Party
- (P) Deb, Copple, Sky Valley Chamber of Commerce

Bruce Dees & Associates Team (BDA)

- (P) Bruce Dees
- (P) Shawn Jensen
- (P) Sherryl Sales
- (P) Michael Faulkner
- (P) Reece Vissia
- (P) Lorin Kramer, Kramer One Inc.

PURPOSE

To recap the project background information presented at Ad Hoc Meeting #1 and review the design progress to date.

DISCUSSION

Project Background Information

The members of the Ad Hoc Committee introduced themselves. Bruce summarized the project background information, design process, and schedule.

PROGRAM REVIEW

Lorin led the review of the program and layouts for each shooting sport that were developed in response to comments from meeting #1. In general the program and layouts were revised to include more competition ranges to enhance potential for revenue generation and enhanced potential for the facility to be self-supporting.

ARCHERY – Tyler Barney - Representative

Lorin presented the updated archery program and layout.

Target Archery Program/Layout:

- World Archery Association (WAA) (formerly FITA) rule book compliant. 90 meter maximum shooting distance.
- Maximum number of butts that fit site.
- Northerly orientation. WAA rulebook allows 20 degrees either side of true north.
- Fence area. Fence may be part of perimeter fencing.

Target Archery Range Support Facilities:

- Firing line canopy.
- Range control/target storage building with toilets.

Broadhead Archery Program/Layout:

- Separate range adjacent to Target Archery Range preferred. Located near 3D Archery Range an option.

- One target.
- 70 yard shooting distance.
- Fence area.

3D Archery Range Program/Layout:

- International Bow Hunting (IBO) and Archery Shooters Association (ASA) rulebooks compliant.
- 30 targets.
- Varied topography. Location includes hills and wetlands.
- Fence area. Fence may be part of perimeter fencing.
- Target storage.

Archery Decisions:

- The recreational target archery range, broadhead range, and 3D range will be kept together on the east side of the site.
 - Recreational archery will have a building with storage and toilets.
 - 3D storage building will be a large single unit, no heat required.
 - Broadhead does not require storage and can use the recreational archery building for bathrooms.
- The competition target archery range will be separate from the recreational ranges and will be located on the west side of the site. It will have one building for storage, restrooms, and a room for organizers for check in and scoring stat office, and several smaller storage buildings spread across the width of the range. The smaller storage buildings do not require heat.
- No special course/set up required for youth to use 3D archery.
- 3D range should be placed on the east side of the site to utilize topographical variety.
- Competition archery range will be 1,500 feet wide. The recreational target archery range will be 300 feet wide.

PISTOL – Kort Schwarzmiller - Representative

Lorin presented the updated pistol program and layout.

100 Meter Pistol/Rifle Range Program/Layout:

- Smallbore competition may be held on this range.
- Black powder shooting may be conducted on this range.
- Safety baffling to control direct-fire bullets. Ricochet zones to control deflected bullets.
- Earth backstop.
- Paper targets at 50 yards, 100 yards, 50 meters and 100 meters.
- Estimated 32 shooting stations on a 320 foot wide range. These may require adjustment during structural design of the baffling system.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.

100 Meter Pistol/Rifle Range Support Facilities:

- Ballistic firing line canopy.
- Clearing station.
- Public address system and warning lights for cease-fires.
- Range control/target storage building with toilets.

50 Meter Pistol Range Program/Layout:

- Bullseye competition may be held on this range.
- Black powder shooting may be conducted on this range.
- Safety baffling to control direct-fire bullets. Ricochet zones to control deflected bullets.
- Earth backstop.
- Paper targets at 25 and 50 yards, and 50 meters.
- Estimated 24 shooting stations on a 120 foot wide range. This may require adjustment during structural design of the baffling system.

- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.

50 Meter Pistol Range Support Facilities

- Ballistic firing line canopy.
- Adjustable shooting tables with cartridge deflectors between shooting stations.
- Clearing station.
- Public address system and warning lights for cease-fires.
- Range control/target storage building with toilets.

25 Yard Pistol Range Program/Layout:

- This range is for shorter distance self-defense practice & recreational. No competition.
- Black powder shooting may be conducted on this range.
- Safety baffling to control direct-fire bullets. Ricochet zones to control backstop deflected bullets.
- Earth backstop.
- Paper targets or reactionary targets at varying distance to 25 yards maximum.
- Estimated 24 shooting stations on a 120 foot wide range. This may require adjustment during structural design of the baffling system.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.

25 Yard Pistol Range Support Facilities

- Ballistic firing line canopy.
- Portable shooting benches and seats at each firing station.
- Public address system and warning lights for cease-fires.
- Range control/target storage building with toilets.

Plinking Pistol Range Program/Layout:

- This range is for rimfire pistol and rifle plinking. No competition.
- Safety baffling to control direct-fire bullets. Ricochet zones to control backstop deflected bullets.
- Earth backstop.
- Paper targets or reactionary targets at varying distance to 100 yards maximum.
- Estimated 24 shooting stations on a 120 foot wide range. 80 feet wide to 50 foot length. 40 feet wide to 100 yard length. This may require adjustment during structural design of the baffling system.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.

Plinking Pistol Range Support Facilities:

- Ballistic firing line canopy.
- Portable shooting benches and seats at each firing station.
- Public address system and warning lights for cease-fires.
- Range control/target storage building with toilets.

Action Bay Pistol Range Program/Layout:

- Safety baffling to control direct-fire bullets from any firing distance to 10 yards from earth backstop (closest permissible distance to backstop). Ricochet zones to control backstop deflected bullets.
- Earth backstop.
- Black powder shooting may be conducted on these ranges.
- 7 bays with a maximum firing distance of 50 yards.
- 2 bays with a maximum firing distance of 100 yards.
- Estimated 40 foot wide bays (between walls). This may require adjustment during structural design of the baffling system.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.

Action Bay Pistol Range Support Facilities:

- Ballistic canopy.
- A tactical environment with no shooting benches, counters, or seats. Portable targets.

Pistol Decisions:

- Keep 32 stations at the 100 meter range.
- There shall be 3 buildings to service the pistol ranges:
 - 100 meter range and 50 meter range - 1 building with storage and respective stat rooms. Allow the building to be partitioned when not in full use. Restrooms in the middle & separate Stat Rooms on each end. Provide range controls on each range. This building should be larger to accommodate dual matches occurring.
 - 25 yard range and Plinking range - 1 building with storage and restrooms.
 - Action Bay ranges – 1 larger building with storage, stat room, and restrooms.
- Plinking Range:
 - Keep the 100yd line.
 - Keep the 24 stations at the plinking range.
 - Move backstop to align with 25 yard range backstop.

RIFLE – Roger Chatterton – Representative

Lorin presented the updated rifle program and layout.

Sight-In Range – Program/Layout:

- General sighting activities.
- Black powder shooting at 50 and 100 yards may be conducted on this range.
- Safety baffling to control direct-fire bullets. Ricochet zones to control backstop deflected bullets.
- Earth backstops at 100, 200, 300, 400, 500 and 600 yards.
- Paper targets at 50 and 100 yards. Targets changed during cease-fire.
- Electronic targets and gongs at 200, 300, 400, 500 and 600 yards. No target changes required with either system. Baffling system columns will limit which targets may be shot to one distance per shooting position.
- Estimated 40 shooting stations on a 320 foot wide range. This may require adjustment during structural design of the baffling system.

Sight-In Range Support Facilities:

- Ballistic firing line canopy.
- Portable shooting benches and seats at each firing station. Portability allows position shooting and vehicular access for range maintenance.
- Clearing station.
- Outdoor firearms cleaning area.
- Public address system and warning lights for cease-fires.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.
- Range control/target storage building with toilets.

Competition Rifle Range Program/Layout:

- Competition Range.
- Safety baffling to control direct-fire bullets. Ricochet zones to control backstop deflected bullets.
- Earth backstops at 200, 300 and 600 yards.
- Electronic targets and gongs at 200, 300 and 600 yards. No target changes required. Estimated 32 shooting stations on a 320 foot wide range. This may require adjustment during structural design of the baffling system.

Competition Rifle Range Support Facilities:

- Ballistic firing line canopy.
- Clearing station.
- Outdoor firearms cleaning area.
- Public address system and warning lights for cease-fires.
- Stormwater retention/detention for area impacted by lead bullets.
- Fenced Ricochet Zone. Fence may be part of perimeter fencing.
- Range control/target storage building with toilets.

Rifle Decisions:

- Sight-In Range
 - One building to include storage and restrooms. No stat room needed.
- Competition Rifle Range:
 - One building to include storage and restrooms. No stat room needed – electronic scoring can be shown on a TV screen or a large display board.

TRAP/SKEET – Bubba Deach – Representative (unable to attend)

Lorin spoke with Bubba following meeting #1 then presented the revised program and layout.

Trap/Skeet Program/Layout:

- American Trap, American Skeet & 5-Stand Sporting Clays. No International.
- 9 Trap only fields. May be phased.
- 2 combination Trap/Skeet Fields. One field is handicap accessible.
- One 5-Stand Sporting Clays Field. Handicap accessible.
- North orientation.
- Minimize the area of lead shot recovery.
- Stormwater retention / detention for area impacted by lead shot.
- Fenced Shotfall Zone. Fence may be part of perimeter fencing.

Trap/Skeet Range Support Facilities:

- To be discussed with Bubba.

Trap/Skeet Decisions:

- To be discussed with Bubba.

Illumination

Discussion:

- Illumination is desired at the Recreational Target Archery range, Pistol Action Bays, and Trap/Skeet 5-Stand and 2 combo fields.
- Snohomish County Park's policy is Dawn to Dusk, but if the range needs to be self-sustaining, it may require evening operation.
- No illumination would eliminate high school trap/skeet.
- Show incoming power now, lights may not be included.

Decisions:

- Further discussion is needed.

Support Facilities

Maintenance:

- No snow removal equipment needed though open year-round, will close for any snow days.
- Use the shotgun building for the maintenance shop.

Education Center/Pro Shop:

- Main building should have a training classroom, smaller classes of 10 or less could be held in the other range buildings.
- Training classroom requires "safe direction" for gun handling training per NRA guidelines.
- Revenue generating gift shop should be located at this building if it is to be included.
- Roger mentioned a large building for classrooms, pro shop, and indoor range for revenue. Lorin advises an indoor range would require natural gas and 3phase power for heat and ventilation system.
- A pro shop is desired by the Ad Hoc Committee however, there is no managing authority to weigh in on what sales items and services at this point in time.

NEXT STEP

1. BDA and Kramer One to revise the range layouts as discussed and continue to develop the schematic site plan.
2. Present schematic plan to Ad Hoc Committee at the next meeting.

NEXT MEETING

The Ad Hoc Meeting #3 will be on February 10, 2021 at 6:00PM.

These are the minutes, as we understand them. If there are any additions or corrections, contact Bruce Dees & Associates immediately.